

Figure 1 illustrates the study design, showing the flow from the initial population to the final analysis groups. The study population is divided into two main groups, Group 1 and Group 2, each with 500 participants. Group 1 is further divided into Subgroup 1a (250) and Subgroup 1b (250). Group 2 is divided into Subgroup 2a (250) and Subgroup 2b (250). Each subgroup is then divided into two sub-subgroups, 1a.1 and 1a.2 for Subgroup 1a, and 1b.1 and 1b.2 for Subgroup 1b. The flowchart continues with various statistical tests and results, including Chi-square test, Fisher's exact test, Logistic regression, and Odds ratio. The final results are presented in a table with columns for Group, Subgroup, Sub-subgroup, N, OR, 95% CI, and P-value.

Group	Subgroup	Sub-subgroup	N	OR	95% CI	P-value
Group 1	Subgroup 1a	Sub-subgroup 1a.1	125	1.0	1.0	1.0
Group 1	Subgroup 1a	Sub-subgroup 1a.2	125	1.0	1.0	1.0
Group 1	Subgroup 1b	Sub-subgroup 1b.1	125	1.0	1.0	1.0
Group 1	Subgroup 1b	Sub-subgroup 1b.2	125	1.0	1.0	1.0
Group 2	Subgroup 2a	Sub-subgroup 2a.1	125	1.0	1.0	1.0
Group 2	Subgroup 2a	Sub-subgroup 2a.2	125	1.0	1.0	1.0
Group 2	Subgroup 2b	Sub-subgroup 2b.1	125	1.0	1.0	1.0
Group 2	Subgroup 2b	Sub-subgroup 2b.2	125	1.0	1.0	1.0

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